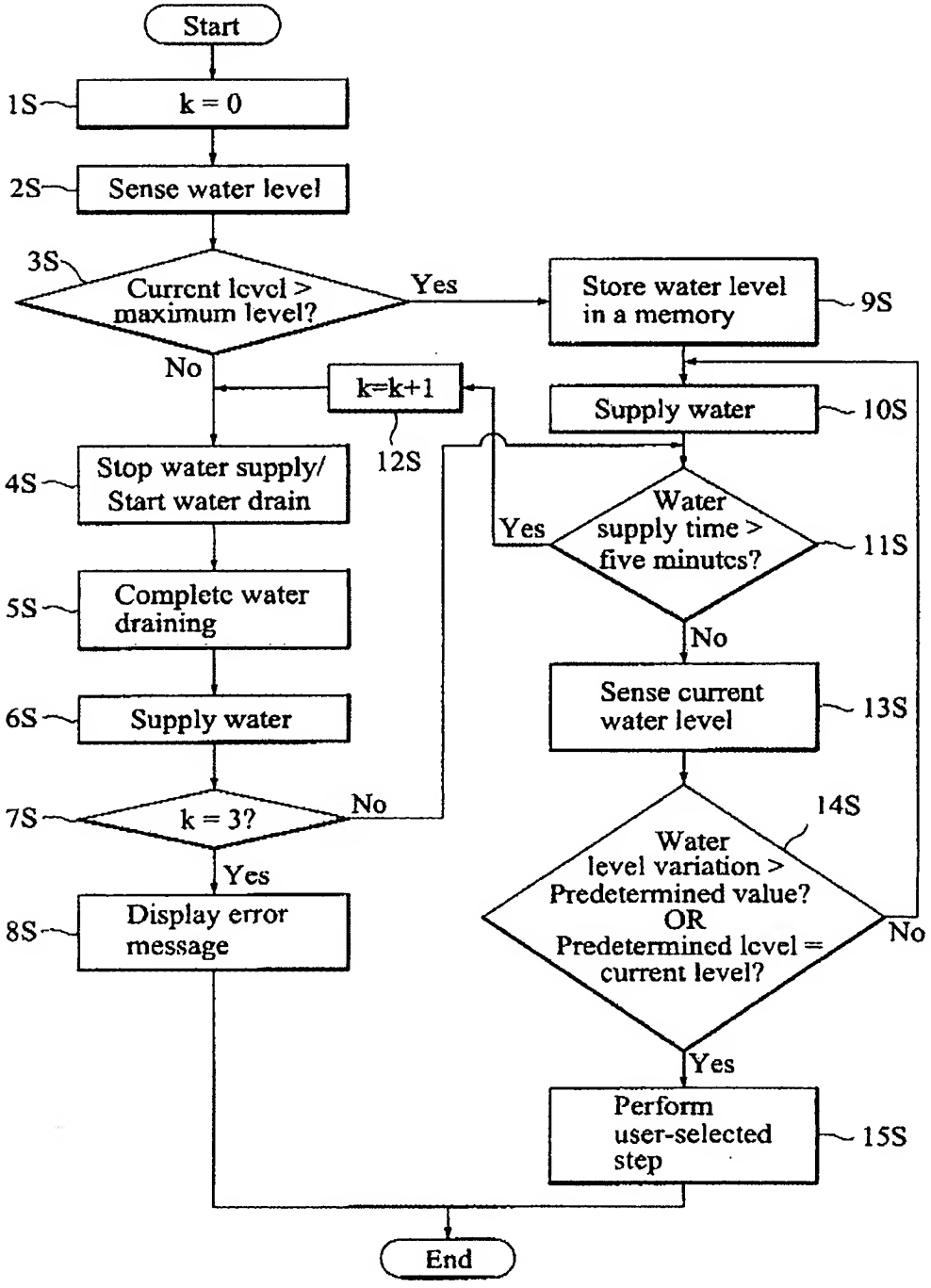
FIG. 2


Start
1S
k = 0
2S
Sense water level
3S
Current level > maximum level?
Yes
Store water level in a memory
9S
No
k=k+1
12S
Supply water
10S
4S
Stop water supply/ Start water drain
Yes
Water supply time > five minutes?
11S
5S
Complete water draining
No
Sense current water level
13S
6S
Supply water
7S
k = 3?
No
14S
Water level variation > Predetermined value? OR Predetermined level = current level?
No
Yes
8S
Display error message
Yes
Perform user-selected step
15S
End